

CLAIMS

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1. A downhole flow control device, comprising:
2 a body defining a first passageway and a second passageway;
3 a closure member moveable to selectively, substantially prevent flow through the first
4 passageway; and
5 a sleeve valve in the body positioned to control the flow through the second passageway.

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2. The device of claim 1, wherein the closure member is a plug.

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3. The device of claim 1, wherein the closure member is a flapper valve.

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4. The device of claim 3, wherein the flapper valve is controlled from the surface via a control line.

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5. A downhole flow control device, comprising:
2 a conduit defining a first bore therethrough and an annular space;
3 the conduit further defining at least one second bore in the annular space;
4 a sleeve member in the conduit selectively moveable to choke the flow through the
5 second bore.

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13. A method of controlling fluid flow in a wellbore, comprising:

- 2 providing a body defining a first passageway;
- 3 blocking flow through the first passageway with a closure member;
- 4 directing fluid flow through a second passageway in the body around the closure
- 5 member; and
- 6 choking the flow through the second passageway.

14. A valve for use in a well, comprising:

- 2 a body defining a longitudinal first bore;
- 3 a closure member selectively positioned the first bore to block flow through a portion
- 4 thereof;
- 5 the closure member selectively removable from the first bore so that tools may be run
- 6 through the body past the closure member;
- 7 the body defining a second passageway communicating flow from a position upstream of
- 8 the closure member to a position downstream of the closure member to provide a
- 9 bypass flow;
- 10 a valve in the body moveable to selectively choke the bypass flow.

15. A valve for use in a well, comprising:

- 2 a choke controlling flow from a first end to a second end of the valve; and
- 3 a closure member providing selective access through the valve.

16. The valve of claim 15, further comprising:

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- 3 a first conduit attached to a first end of the valve;
 4 a second conduit attached to a second end of the valve; and
 5 the valve choking the flow from the first conduit to the second conduit.

1 17. The valve of claim 15, wherein the choke comprises a sleeve valve.

1 18. The valve of claim 15, further comprising:
 2 a first access bore through the valve;
 3 the closure member providing selective access through the first access bore.

1 19. The valve of claim 15, further comprising:
 2 a second flow bore through the valve providing a passageway through the valve that
 3 bypasses the closure member.

1 20. A method of controlling fluid flow in a wellbore, comprising:
 2 providing a valve having a closable access bore therethrough;
 3 flowing fluid through the valve through a bypass passageway in the valve; and
 4 providing a choke in the valve to selectively choke the fluid flow through the valve.